OIPE

ENTERED

Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\05162002\I766511B.raw**

```
 3 <110> APPLICANT: MCCARTHY, Sean A
 4         FRASER, Christopher C
 5         SHARP, John D
 6         BARNES, Thomas S
 7         KIRST, Susan J
 8         MYERS, Paul S
 9         WRIGHTON, Nicholas
10         GOODEARL, Andrew
11         HOLTZMAN, Douglas A
12         KHODADOUST, Mehran M
14 <120> TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC,
PREVENTIVE,
15         THERAPEUTIC, AND OTHER USES
17 <130> FILE REFERENCE: 10147-65
19 <140> CURRENT APPLICATION NUMBER: 09/766,511B
C--> 20 <141> CURRENT FILING DATE: 2002-05-07
22 <150> PRIOR APPLICATION NUMBER: US 09/578,063
23 <151> PRIOR FILING DATE: 2000-05-24
25 <150> PRIOR APPLICATION NUMBER: US 09/333,159
26 <151> PRIOR FILING DATE: 1999-06-14
28 <150> PRIOR APPLICATION NUMBER: US 09/596,194
29 <151> PRIOR FILING DATE: 2000-06-16
31 <150> PRIOR APPLICATION NUMBER: US 09/342,364
32 <151> PRIOR FILING DATE: 1999-06-29
34 <150> PRIOR APPLICATION NUMBER: US 09/608,452
35 <151> PRIOR FILING DATE: 2000-06-30
37 <150> PRIOR APPLICATION NUMBER: US 09/393,996
38 <151> PRIOR FILING DATE: 1999-09-10
40 <150> PRIOR APPLICATION NUMBER: US 09/345,680
41 <151> PRIOR FILING DATE: 1999-06-30
43 <160> NUMBER OF SEQ ID NOS: 85
45 <170> SOFTWARE: PatentIn version 3.1
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50 <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING   DATE: 05/16/2002
PATENT APPLICATION: US/09/766,511B   TIME: 17:03:46

Input Set : A:\PTO.VSK.txt
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 71 tggctttcca ggtcccaccc aactcacccc aggggagtgt ggcctgcccg cccctccag    600
 73 cctactgcaa cacgcctccg cccccgtacg aacaggtagt gaaggccaag tagtgggtg    660
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 77 gttcacttcc aggaacggtc tcgtgggctg ctaagggcag ttcctctgat atcctcacag    780
 79 caagcacagc tctctttcag gctttccatg gagtacaata tatgaactca cactttgtct    840
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 83 cccgagggct gacgtcctta cggtggcgtg accagatcta caggagagag actgagagga    960
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156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapiens
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Input Set : **A:\PTO.VSK.txt**
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166 tggtacttct ggttccttct gatgatgggc gtgcttttct gctgcggagc cggcttcttc  240
168 atccggaggc gcatgtaccc cccgccgctg atcgaggagc cagccttcaa tgtgtcctac  300
170 accaggcagc ccccaaatcc cggcccagga gcccagcagc cggggccgcc ctattacact  360
172 gacccaggag gaccggggat gaaccctgtc gggaattcca tggcaatggc tttccaggtc  420
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182 <213> ORGANISM: Homo sapiens
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190 Leu Glu Cys Thr Glu Ala Lys Lys His Cys Trp Tyr Phe Glu Gly Leu
191             20                  25                  30
194 Tyr Pro Thr Tyr Tyr Ile Cys Arg Ser Tyr Glu Asp Cys Cys Gly Ser
195         35                  40                  45
198 Arg Cys Cys Val Arg Ala Leu Ser Ile Gln Arg Leu Trp Tyr Phe Trp
199     50                  55                  60
202 Phe Leu Leu Met Met Gly Val Leu Phe Cys Cys Gly Ala Gly Phe Phe
203 65                  70                  75                  80
206 Ile Arg Arg Arg Met Tyr Pro Pro Pro Leu Ile Glu Glu Pro Ala Phe
207                 85                  90                  95
210 Asn Val Ser Tyr Thr Arg Gln Pro Pro Asn Pro Gly Pro Gly Ala Gln
211             100                 105                 110
214 Gln Pro Gly Pro Pro Tyr Tyr Thr Asp Pro Gly Gly Pro Gly Met Asn
215         115                 120                 125
218 Pro Val Gly Asn Ser Met Ala Met Ala Phe Gln Val Pro Pro Asn Ser
219     130                 135                 140
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223 145                 150                 155                 160
226 Pro Pro Pro Pro Tyr Glu Gln Val Val Lys Ala Lys
227                 165                 170
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246 <211> LENGTH: 150
247 <212> TYPE: PRT
248 <213> ORGANISM: Homo sapiens
250 <400> SEQUENCE: 5
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253 1               5                   10                  15
256 Cys Arg Ser Tyr Glu Asp Cys Cys Gly Ser Arg Cys Cys Val Arg Ala
257             20                  25                  30
260 Leu Ser Ile Gln Arg Leu Trp Tyr Phe Trp Phe Leu Leu Met Met Gly
261         35                  40                  45
264 Val Leu Phe Cys Cys Gly Ala Gly Phe Phe Ile Arg Arg Arg Met Tyr
265     50                  55                  60
268 Pro Pro Pro Leu Ile Glu Glu Pro Ala Phe Asn Val Ser Tyr Thr Arg
269 65                  70                  75                  80
272 Gln Pro Pro Asn Pro Gly Pro Gly Ala Gln Gln Pro Gly Pro Pro Tyr
273                 85                  90                  95
276 Tyr Thr Asp Pro Gly Gly Pro Gly Met Asn Pro Val Gly Asn Ser Met
277             100                 105                 110
280 Ala Met Ala Phe Gln Val Pro Pro Asn Ser Pro Gln Gly Ser Val Ala
281         115                 120                 125
284 Cys Pro Pro Pro Pro Ala Tyr Cys Asn Thr Pro Pro Pro Pro Tyr Glu
285     130                 135                 140
288 Gln Val Val Lys Ala Lys
289 145                 150
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293 <211> LENGTH: 38
294 <212> TYPE: PRT
295 <213> ORGANISM: Homo sapiens
297 <400> SEQUENCE: 6
299 Lys Lys His Cys Trp Tyr Phe Glu Gly Leu Tyr Pro Thr Tyr Tyr Ile
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304             20                  25                  30
307 Leu Ser Ile Gln Arg Leu
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311 <210> SEQ ID NO: 7
312 <211> LENGTH: 21
313 <212> TYPE: PRT
314 <213> ORGANISM: Homo sapiens
316 <400> SEQUENCE: 7
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323             20
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327 <211> LENGTH: 91
328 <212> TYPE: PRT
329 <213> ORGANISM: Homo sapiens
331 <400> SEQUENCE: 8
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338             20                  25                  30
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Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\05162002\I766511B.raw

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345 Val Gly Asn Ser Met Ala Met Ala Phe Gln Val Pro Pro Asn Ser Pro
346     50              55                  60
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350 65              70                  75                  80
353 Pro Pro Pro Tyr Glu Gln Val Val Lys Ala Lys
354             85                  90
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375 <212> TYPE: DNA
376 <213> ORGANISM: Mus sp.
378 <400> SEQUENCE: 11
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383 ggtcctcgct ggagccatgg gccgccggct cggcagggtg gcggcgctgc tgctcgggct    180
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/16/2002
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Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\05162002\I766511B.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:61; N Pos. 788

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 14

VERIFICATION SUMMARY   DATE: 05/16/2002
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Input Set : **A:\PTO.VSK.txt**
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L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:363 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (9) SEQUENCE:
L:371 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:
L:560 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14) SEQUENCE:
L:642 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (19) SEQUENCE:
L:3193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:780